CLAIM AMENDMENTS

- · Please amend the Claims as follows:
- 1. (previously amended) A temporarily protected wafer, comprising:
 - a sensitive area disposed on a surface of the wafer; and
 - a vapor-deposited, water-insoluble temporary protective coating directly contacting and covering the sensitive area:
 - wherein the protective coating is insoluble in organic solvents:
 - wherein the coating remains in place during singulation of the wafer into individual device dies; and further
 - wherein a sufficient amount of the coating is removed to activate the sensitive area prior to completing packaging of the die.
- (original) The temporarily protected wafer of claim 1, wherein the sensitive area comprises a released MEMS device.
- (original) The temporarily protected wafer of claim 1, wherein the sensitive area comprises a pressure-sensitive microsensor.
- (original) The temporarily protected wafer of claim 1, wherein the sensitive area comprises a chemically sensitive microsensor.
- (original) The temporarily protected wafer of claim 1, wherein the sensitive area comprises a temperature-sensitive microsensor.
- (original) The temporarily protected wafer of claim 1, wherein the sensitive area comprises a released IMEMS device.
- (original) The temporarily protected wafer of claim 1, wherein the temporary protective coating comprises a vacuum vapor-deposited coating.
- (original) The temporarily protected wafer of claim 7, wherein the vacuum vapordeposited coating comprises a parylene polymer.
- (original) The temporarily protected wafer of claim 8, wherein the parylene coating is selected from the group of parylene polymers consisting of poly-para-xylylene, poly-para-xylylene modified by the substitution of a chlorine atom for one

- aromatic hydrogen, and poly-para-xylylene modified by the substitution of a chlorine atom for two aromatic hydrogens.
- (previously amended) The temporarily protected wafer of claim 8, wherein the
 parylene coating comprises a copolymer compound formed by blending a
 reactive parylene monomer with a reactive material.
- 11. (original) The temporarily protected wafer of claim 10, wherein the reactive material comprises a monomer containing an element selected from the group consisting of silicon, carbon, and fluorine, and combinations thereof.
- (original) The temporarily protected wafer of claim 1, wherein the temporary protective coating comprises silicon dioxide, silicate glass, or silicon nitride.
- (original) The temporarily protected wafer of claim 1, wherein the temporary
 protective coating comprises a metal.
- (original) The temporarily protected wafer of claim 13, wherein the metal comprises aluminum or tunasten.
- 15. (CANCELLED)
- 16. (CANCELLED)
- 17. (previously amended) The temporarily protected wafer of claim 1, wherein the temporary protective coating comprises one or more materials selected from the group consisting of a carbon film, an amorphous carbon film, and a diamond-like carbon film.
- (original) The temporarily protected wafer of claim 1, wherein the temporary protective coating comprises a self-assembled monolayered material.
- (previously amended) The temporarily protected wafer of claim 1, wherein the temporary protective coating comprises perfluoropolyether.
- (original) The temporarily protected wafer of claim 1, further comprising exposed bond pads.
- (original) The temporarily protected wafer of claim 1, wherein the temporary
 protective coating is deposited using a Chemical Vapor Deposition (CVD)
 process.

- (original) The temporarily protected wafer of clalm 1, wherein the temporary
 protective coating is deposited using a Plasma Enhanced Chemical Vapor
 Deposition (PACVD) process.
- (original) The temporarily protected wafer of claim 1, wherein the temporary
 protective coating is deposited at essentially ambient temporature.
- 24. (original) The temporarily protected wafer of claim 1, wherein the temporary protective coating is deposited by polymertzing a monomeric gas on at least the sensitive area.
- 25. (previously amended) A temporarily protected die, comprising:
 - a sensitive area disposed on a surface of the die; and
 - a vapor-deposited, water-insoluble temporary protective coating directly contacting and covering the sensitive area;
 - wherein the protective coating is insoluble in organic solvents; and wherein a sufficient amount of the coating is removed to activate the sensitive area prior to completing packaging of the die.
- (original) The temporarily protected die of claim 25, wherein the sensitive area comprises a released MEMS device.
- 27. (original) The temporarily protected die of claim 26, wherein the temporary protective coating comprises a parylene polymer.
- 28. (CURRENTLY AMENDED) A temporarily protected wafer, comprising:
 - a sensitive area disposed on a surface of the wafer comprising a released MEMS device having a released MEMS element;
 - a performance-enhancing coating disposed directly on the released MEMS element; and
 - a vapor-deposited, water-insoluble temporary protective coating disposed directly on top of the performance-enhancing coating;
 - wherein the protective coating is insoluble in organic solvents; and wherein the coating remains in place during singulation of the water into
 - individual device dies, and further wherein a sufficient amount of the coating is removed to re-release the MEMS element prior to completing packaging of the die, without removing the performance-enhancing coating.

- 29. (previously amended) The temporarily protected wafer of claim 28, wherein the performance-enhancing coating comprises one or more materials selected from the group consisting of an anti-stiction film, an adhesion-inhibiting film, a lubricant, and a nitrided-surface.
- 30. (previously amended) The temporarily protected wafer of claim 28, wherein the performance-enhancing coating comprises one or more materials selected from the group consisting of perfluoropolyether, hexamethyldisilazane, and perfluorodecanoic carboxylic acid.
- 31-34. (CANCELLED)
- (previously added) The temporarily protected wafer of claim 1, wherein the temporary protective coating is insoluble in organic solvents heated to less than or equal to 150 C.
- 36. (previously added) The temporarily protected wafer of claim 1, wherein the temporary protective coating is excluded from covering any wafer streets.
- (previously added) The protected die of claim 25, wherein the die is mechanically attached and electrically interconnected to a package.
- 38. (previously added) The die of claim 37, wherein the sensitive area comprises a released MEMS element
- (previously added) The die of claim 37, wherein the dle is wirebonded to the package.
- (previously added) The die of claim 37, wherein the die is flip-chip bonded to the package.
- 41. (previously added) The die of claim 38, wherein the temporary protective coating is sufficiently thick so as to immobilize the released MEMS element.
- (previously added) The dle of claim 38, wherein the temporary protective coating is sufficiently thin so as to not immobilize the released MEMS element.
- 43. (previously added) A protected die, comprising:
 - a sensitive area disposed on a surface of the die, the area comprising a released MEMS device having a released MEMS element;
 - a performance-enhancing coating disposed directly on the released MEMS element; and

- a vapor-deposited, water-insoluble temporary protective coating disposed directly on top of the performance-enhancing coating;
- wherein the protective coating is insoluble in organic solvents; and wherein the die is attached and electrically interconnected to a package.
- 44. (previously added) The die of claim 43, wherein the temporary protective coating is sufficiently thin so as to not immobilize the released MEMS element.